

| , , , | |
|---------------|-------------------------------|
| 2 6 6 C 8 6 C | Please type a plus sign (+) |
| | Under the Paperwork Reduction |

| | | PTO/SB/05 (11-00) |
|---|---------|---|
| ease type a plus sign (+) inside this box | [-3 | Approved for use through 10/31/2002. OMB 0651-0032 |
| ouse type a place sign (1) mored this box | | U.S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE |

UTILITY PATENT APPLICATION

| on Act of 1995, no persons are required to respo | nd to a coll | lection of information | unless | it displays a valid | OMB co | ntrol number. |
|--|---------------------|------------------------|--------|---------------------|--------|---------------|
| UTILITY | Attorney Docket No. | | | PAT 113-2 | | |
| APPLICATION | First Inventor | | | RENAUD, Pierre | | |
| NSMITTAL | Title | Method a | | • | | |
| | | | | | | |

| IRANSIVIIITAL | Title | Method | and | System | ior | MU |
|---|-------|--------------|-------|--------|-----|----|
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | Expre | ss Mail Labe | l No. | | | |

| APPLICA | TION ELEMENTS | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application | | | | |
|---|--|---|--|--|--|--|
| See MPEP chapter 600 conc | erning utility patent application contents. | Washington, DC 20231 | | | | |
| | orm (e.g., PTO/SB/17) huphcaie for fee processing) mall entity status. | CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission | | | | |
| See 37 CFR 1.27. Specification (preferred arrangement) | [Total Pages 22] | (if applicable, all necessary) a. Computer Readable Form (CRF) | | | | |
| | of the invention e to Related Applications arding Fed sponsored R & D | b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or | | | | |
| | quence listing, a table, rogram listing appendix the Invention | i i. paper c. Statements verifying identity of above copies | | | | |
| - Brief Summary | | ACCOMPANYING APPLICATION PARTS | | | | |
| - Detailed Descrip - Claim(s) - Abstract of the | ption | 9. X Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3,73(b) Statement (when there is an assignee) Power of Attorney | | | | |
| . D-00/100/05/1 | S.C. 113) Total Sheets 1 4 1 | 11. English Translation Document (if applicable) | | | | |
| Oath or Declaration | S.C. 113) [Total Sheets 14] [Total Pages 2] | 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 | | | | |
| a. X Newly execu | uted (original or copy) | 13. Preliminary Amendment | | | | |
| b. Copy from a (for continuation) | prior application (37 CFR 1.63 (d)) tion/divisional with Box 18 completed) | 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | |
| | ION OF INVENTOR(S) | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | | |
| named in t | lement atlached deleting inventor(s) he prior application, see 37 CFR and 1.33(b). | 16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 | | | | |
| 6. Application Data | Sheet. See 37 CFR 1.76 | or its equivalent. 17. Other: | | | | |
| 18. If a CONTINUING APPLI | CATION, check appropriate box, and supply | the requisite information below and in a preliminary amendment, | | | | |
| or in an Application Data She | Divisional Continuation-in-part (CIP) | of prior application No.: | | | | |
| Prior application information: | Examiner | Group Art Unil: | | | | |
| For CONTINUATION OR DIVISI Box 5b, is considered a part of | For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. | | | | | |
| The incorporation can only be | relied upon when a portion has been inadverter 19. CORRESPONDEN | tly omitted from the submitted application parts. | | | | |
| Customer Number or Bar Co | nde Label | or Carrespondence address below | | | | |
| Name | 26123 | | | | | |
| | PATENT_TRADEMARK OFFICE | | | | | |
| Address | | | | | | |
| City | S | tate Zip Code | | | | |
| Country | Telep | none Fax | | | | |
| Name (Print/Type) | Leslie Anne Kinsman | Registration No. (Attorney/Agent) 45,291 | | | | |
| Signature | This sman | Date Harch 20 2001 | | | | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| FEE TRANSMITTA | Complete if Known | | | | | |
|---|---|----------|--|--|--|--|
| FLE INANSIMITIA | Application Number | | | | | |
| for FY 2001 | Filing Date | | | | | |
| 101 1 2001 | First Named Inventor RENATID, Pierre | | | | | |
| Patent fees are subject to annual revision. | Examiner Name | | | | | |
| | Group Art Unit | | | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 435. | Attorney Docket No. PAT 113-2 | | | | | |
| METHOD OF BAVMENT | FEE CALCULATION (| | | | | |
| METHOD OF PAYMENT The Commissioner is hereby authorized to charge | FEE CALCULATION (continued) | | | | | |
| indicated fees and credit any overpayments to: | 3. ADDITIONAL FEES Large Small | | | | | |
| Deposit Account | Entity Entity | | | | | |
| Number 501593 | Fee Fee Fee Fee Description F | ee Paid | | | | |
| Account Borden Ladner Gervais | 105 130 205 65 Surcharge - late filing fee or oath | | | | | |
| Charge Any Additional Fee Required | 127 50 227 25 Surcharge - late provisional filing fee or cover sheet | | | | | |
| | 139 130 139 130 Non-English specification | | | | | |
| Applicant claims small entity status, See 37 CFR 1.27 | 147 2,520 147 2,520 For filing a request for ex parte reexamination | | | | | |
| 2. Payment Enclosed: | 112 920* 112 920* Requesting publication of SIR prior to | | | | | |
| Check Credit card Money Other | Examiner action 113 1,840* 113 1,840* Requesting publication of SIR after | | | | | |
| FEE CALCULATION | Examiner action | | | | | |
| 1. BASIC FILING FEE | 115 110 215 55 Extension for reply within first month 116 390 216 195 Extension for reply within second month | | | | | |
| Large Entity Small Entity Fee Fee Fee Fee Description | 117 B90 217 445 Extension for reply within third month | | | | | |
| Code (\$) Code (\$) Fee Paid | 118 1,390 218 695 Extension for reply within fourth month | | | | | |
| 101 710 201 355 Utility filling fee 3.55. | 128 1,890 228 945 Extension for reply within fifth month | | | | | |
| 106 320 206 160 Design filing fee | 119 310 219 155 Notice of Appeal | | | | | |
| 107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee | 120 310 220 155 Filing a brief in support of an appeal | | | | | |
| 114 150 214 75 Provisional filing fee | 121 270 221 135 Request for oral hearing | | | | | |
| | 138 1,510 138 1,510 Petition to institute a public use proceeding | | | | | |
| SUBTOTAL (1) (\$) 355. | 140 110 240 55 Pelition to revive - unavoidable | | | | | |
| 2. EXTRA CLAIM FEES Fee from | 141 1,240 241 620 Petition to revive - unintentional | | | | | |
| Extra Claims below Fee Paid | 142 1,240 242 620 Utility issue fee (or reissue) | | | | | |
| Total Claims | 143 440 243 220 Design issue fee | | | | | |
| Independent | 144 600 244 300 Plant issue fee 122 130 122 130 Petitions to the Commissioner | | | | | |
| | 123 50 123 50 Processing fee under 37 CFR 1.17(q) | | | | | |
| Large Entity Small Entity | 126 180 126 180 Submission of Information Disclosure Stmt | | | | | |
| Fee Fee Fee Fee Description Code (\$) Code (\$) | 581 40 581 40 Recording each patent assignment per | 40. | | | | |
| 103 18 203 9 Claims in excess of 20 | property (times number of properties) | | | | | |
| 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid | 146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a)) | | | | | |
| 109 80 209 40 ** Reissue independent claims | 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) | | | | | |
| over original patent 110 18 210 9 ** Reissue claims in excess of 20 | 179 710 279 355 Request for Continued Examination (RCE) | | | | | |
| and over original patent | 169 900 169 900 Request for expedited examination | | | | | |
| (6) | of a design application | | | | | |
| SUBTOTAL (2) (\$) 40 | Other fee (specify) | , | | | | |
| *or number previously paid, if greater; For Reissues, see above | *Reduced by Basic Filing Fee Pard SUBTOTAL (3) (\$) 4 (| <u> </u> | | | | |
| SUBMITTED BY Complete (if applicable) | | | | | | |
| Name (PrintIType) Les Mie Anne Kinsma | Registration No (Attorney/Agent) 45,291 Telephone 613-237- | -5160 | | | | |
| Signature | Date II - 1 7 0 | ,2001 | | | | |
| 18/4 PANNATURE OF THE STATE OF | March 20 | , 000 | | | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.